Amendments to the Specification

Pages 6 and 7, the paragraph bridging these pages from page 6, line 25 to page 7, line 6, replace the bridging paragraph with:

Additional devices for implementing advanced network functions within the AIN ~~10~~ 100 are provided by regional STPs (not shown), regional SCPs (not shown), and a service management system (SMS) 46. The STP 34 is connected to the SSPs via connections 36, 38 and 40. Both the regional SCPs and the local SCP 42, which represent a plurality of local SCPs distributed throughout the AIN ~~10~~ 100, are connected via respective data links to the SMS 46. The SMS 46 provides a centralized platform for remotely programming the various SCPs of the AIN ~~10~~ 100 so that a coordinated information processing scheme may be implemented for the AIN ~~10~~ 100. The SMS 46 is implemented by a large general purpose computer and interfaces to business offices of the local exchange carrier and interexchange carriers. SSPs download, on a non-real time basis, billing information to a billing system 50 that is needed in order to appropriately invoice subscribers for the services provided.

Page 8, please rewrite the paragraph commencing at line 17, as follows:

The signaling protocol used between the components of the wireless network 150 is well known to those skilled in the art. an exemplary signaling protocol is the interim standard 41 (IS-41). The IS-41 standard defines the processed by which wireless ~~provider~~ providers accomplish signaling between the MSCs and other devices for purposes of intersystem handoff and automatic roaming. For purposes of caller identification information, as described with reference to an exemplary embodiment of the present invention, the IS-41D standard is utilized to address various features such as calling name ID, enhanced 911, and law enforcement intercept. Operation of the IS-41 signaling protocols is well known to those skilled in the art.

Pages 8 and 9, the paragraph bridging these pages from page 8, line 26 to page 9, line 12, replace the bridging paragraph with:

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The MSC 52 may also be connected to a home location register (HLR) 56. The home location register 56 is a wireless telecommunications component. The HLR 56 is a permanent SS7 database used in cellular networks including the advanced mobile phone system, the global system for mobile communications and the PCS or personal communications system. The HLR 56 may be located as a separate component as illustrated in Figure 2, or the HLR 56 may be resident on the SCP 42 of the cellular provider of record. The HLR 56 may be used to identify and verify a subscriber, provider of record. The HLR 56 may be used to identify and verify a subscriber, including caller identification information such as name and wireless telephone number of the subscriber. The HLR 56 also contains subscriber data related to features and services subscribed to. The HLR 56 is used not only when a call is being made within an area of coverage supported by a given wireless provider, it may also be used to verify the legitimacy and features subscribed to by a given use when the user is roaming outside that area. Under roaming conditions, a local service provider may query the HLR 56 of another wireless telecommunications service provider via an SS7 data link. Once information on the subscriber is verified. ~~Data~~ , data on the subscriber may be transferred via the SS7 line to the HLR 56 of the local service provider in which the subscriber is roaming.

Pages 10 and 11, the paragraph bridging these pages from page 10, line 29 to page 11, line 10, replace the bridging paragraph with:

At step 325, after the caller identification information is obtained for the calling party, a determination is made as to whether the wireless telephone 55 of the called party is registered for receipt of a call. As described above, the wireless telephone 55 will be registered for receipt of a call if the telephone is on and is located within a wireless service area where calls may be routed to the wireless telephone 55. At step 325, a query may be routed from the central office 12 of the wireline telephone 21 to the SCP 42 for a determination as to whether the wireless telephone 55 of the called party is registered for service. Based on the digits dialed by the ~~called~~ calling party, the SCP 42 may transmit an IS-41 location request to the HLR 56 to obtain the registration status of the wireless telephone 55. If the call originates from a wireless telephone 54, the query for the status

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of the wireline telephone 55 may be directed from the MSC 52 to the HLR 56 using the IS-41 signaling protocol.